

6/18/03

=> s rrqrtsklmkr/sqep  
1 RRQRRTSKLMKR/SQEP  
160291 SQL=12  
L1 1 RRQRRTSKLMKR/SQEP  
(RRQRRTSKLMKR/SQEP AND SQL=12)

=> d l1 sqd

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS  
RN 329004-16-2 REGISTRY  
FS PROTEIN SEQUENCE; STEREOSEARCH  
SQL 12

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+=====

Not Given|WO2001015511

|claimed

|SEQID 5

SEQ 1 RRQRRTSKLM KR

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HITS AT: 1-12

=> s rrqrtsklmkr/sqsp  
L2 3 RRQRRTSKLMKR/SQSP

=> d l2 sqd

L2 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS  
RN 512774-31-1 REGISTRY  
FS PROTEIN SEQUENCE; STEREOSEARCH  
SQL 25

SEQ 1 RRQRRTSKLM KRGGTALDWS WLQTE

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HITS AT: 1-12

=> d l2 2-3 sqd

L2 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS  
RN 329004-31-1 REGISTRY  
FS PROTEIN SEQUENCE; STEREOSEARCH  
SQL 28

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+=====

Not Given|WO2001015511

|claimed

|SEQID 24

SEQ 1 RRQRRTSKLM KRGGKLAKLA KKLAKLAK

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HITS AT: 1-12

L2 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS  
RN 329004-16-2 REGISTRY  
FS PROTEIN SEQUENCE; STEREOSEARCH  
SQL 12

PATENT ANNOTATIONS (PNTE):

Sequence |Patent

Source |Reference

=====+=====

Not Given|WO2001015511

|claimed  
|SEQID 5

SEQ 1 RRQRRTSKLM KR

HITS AT: 1-12

=> file caplus

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		50.20	50.41

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FILE COVERS 1907 - 19 Jun 2003 VOL 138 ISS 25  
FILE LAST UPDATED: 18 Jun 2003 (20030618/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 11

L3 6 L1

=> d 13 1-6

L3 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2003 ACS  
AN 2003:189232 CAPLUS  
DN 138:319523  
TI Protection of Islets by in Situ Peptide-mediated Transduction of the  
Ikappa.B Kinase Inhibitor Nemo-binding Domain Peptide  
AU Rehman, Khaja K.; Bertera, Suzanne; Bottino, Rita; Balamurugan, A. N.;  
Mai, Jeffrey C.; Mi, Zhibao; Trucco, Massimo; Robbins, Paul D.  
CS Department of Molecular Genetics and Biochemistry, University of  
Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA  
SO Journal of Biological Chemistry (2003), 278(11), 9862-9868  
CODEN: JBCHA3; ISSN: 0021-9258  
PB American Society for Biochemistry and Molecular Biology  
DT Journal  
LA English  
RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2003 ACS  
AN 2003:42362 CAPLUS  
DN 138:103296  
TI Improvement of viral uptake into cells and tissues  
IN Sessa, William C.; Gratton, Jean-Philippe  
PA Yale University, USA  
SO PCT Int. Appl., 67 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
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PI WO 2003004600 A2 20030116 WO 2002-US20337 20020626  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,  
TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
PRAI US 2001-303117P P 20010705

L3 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2003 ACS

AN 2002:615645 CAPLUS

DN 137:181385

TI Peptides for facilitating composite receptor expression and translocation  
of macromolecules

IN Rabinovich, Peter; Bray-Ward, Patricia; Ward, David C.

PA Yale University, USA

SO PCT Int. Appl., 111 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO	2002062823	A2	20020815	WO	2002-US2837	20020201
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W: AU, CA, JP, US

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, TR

PRAI US 2001-265624P P 20010202

L3 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2003 ACS

AN 2002:196053 CAPLUS

DN 137:74947

TI Characterization of a class of cationic peptides able to facilitate  
efficient protein transduction in vitro and in vivo

AU Mi, Zhibao; Mai, Jeffrey; Lu, Xiaoli; Robbins, Paul D.

CS Department of Molecular Genetics and Biochemistry, University of  
Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA

SO Molecular Therapy (2000), 2(4), 339-347

CODEN: MTOHCK; ISSN: 1525-0016

PB Academic Press

DT Journal

LA English

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2003 ACS

AN 2001:397065 CAPLUS

DN 135:15060

TI Multimers of nuclear localization signals or of protein transduction  
domains and their use for transferring molecules into cells

IN Rosenecker, Joseph; Ritter, Wolfgang; Rudolph, Carsten Martin; Plank,  
Christian

PA Germany

SO PCT Int. Appl., 68 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO	2001038547	A2	20010531	WO	2000-EP11690	20001123
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WO 2001038547 A3 20020228

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,  
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
EP 1235914 A2 20020904 EP 2000-988753 20001123  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL  
JP 2003514564 T2 20030422 JP 2001-539889 20001123  
PRAI EP 1999-123423 A 19991124  
WO 2000-EP11690 W 20001123

L3 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:167742 CAPLUS  
DN 134:218672  
TI Identification of peptides which facilitate uptake and transport of  
protein, DNA and virus into cytoplasm and nuclei of cells  
IN Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond; Glorioso, Joseph C.;  
Gambotto, Andrea  
PA University of Pittsburgh of the Commonwealth System of Higher Education,  
USA  
SO PCT Int. Appl., 128 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001015511	A2	20010308	WO 2000-US24034	20000831
WO 2001015511	A3	20020124		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1210362	A2	20020605	EP 2000-963300	20000831
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
PRAI US 1999-151980P	P	19990901		
US 2000-188944P	P	20000313		
WO 2000-US24034	W	20000831		

=> s 12  
L4 7 L2

=> d 14 1-7

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS  
AN 2003:189232 CAPLUS  
DN 138:319523  
TI Protection of Islets by in Situ Peptide-mediated Transduction of the  
Ikappa.B Kinase Inhibitor Nemo-binding Domain Peptide  
AU Rehman, Khaja K.; Bertera, Suzanne; Bottino, Rita; Balamurugan, A. N.;  
Mai, Jeffrey C.; Mi, Zhibao; Trucco, Massimo; Robbins, Paul D.  
CS Department of Molecular Genetics and Biochemistry, University of  
Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA  
SO Journal of Biological Chemistry (2003), 278(11), 9862-9868  
CODEN: JBCHA3; ISSN: 0021-9258  
PB American Society for Biochemistry and Molecular Biology  
DT Journal  
LA English  
RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS  
AN 2003:42362 CAPLUS  
DN 138:103296  
TI Improvement of viral uptake into cells and tissues  
IN Sessa, William C.; Gratton, Jean-Philippe

PA Yale University, USA  
SO PCT Int. Appl., 67 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2003004600	A2	20030116	WO 2002-US20337	20020626
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2001-303117P	P	20010705		

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:615645 CAPLUS  
DN 137:181385

TI Peptides for facilitating composite receptor expression and translocation of macromolecules

IN Rabinovich, Peter; Bray-Ward, Patricia; Ward, David C.

PA Yale University, USA  
SO PCT Int. Appl., 111 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

PI	WO 2002062823	A2	20020815	WO 2002-US2837	20020201
	W: AU, CA, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
PRAI	US 2001-265624P	P	20010202		

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:196053 CAPLUS  
DN 137:74947

TI Characterization of a class of cationic peptides able to facilitate efficient protein transduction in vitro and in vivo

AU Mi, Zhibao; Mai, Jeffrey; Lu, Xiaoli; Robbins, Paul D.

CS Department of Molecular Genetics and Biochemistry, University of Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA

SO Molecular Therapy (2000), 2(4), 339-347

CODEN: MTOHCK; ISSN: 1525-0016

PB Academic Press

DT Journal

LA English

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:832771 CAPLUS  
DN 136:144792

TI A proapoptotic peptide for the treatment of solid tumors

AU Mai, Jeffrey C.; Mi, Zhibao; Kim, Seon-Hee; Ng, Bobby; Robbins, Paul D.

CS Department of Molecular Genetics and Biochemistry, University of Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA

SO Cancer Research (2001), 61(21), 7709-7712

CODEN: CNREA8; ISSN: 0008-5472

PB American Association for Cancer Research

DT Journal

LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:397065 CAPLUS  
 DN 135:15060  
 TI Multimers of nuclear localization signals or of protein transduction  
 domains and their use for transferring molecules into cells  
 IN Rosenecker, Joseph; Ritter, Wolfgang; Rudolph, Carsten Martin; Plank,  
 Christian  
 PA Germany  
 SO PCT Int. Appl., 68 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001038547	A2	20010531	WO 2000-EP11690	20001123
WO 2001038547	A3	20020228		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG EP 1235914 A2 20020904 EP 2000-988753 20001123 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL JP 2003514564 T2 20030422 JP 2001-539889 20001123 PRAI EP 1999-123423 A 19991124 WO 2000-EP11690 W 20001123				

L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:167742 CAPLUS  
 DN 134:218672  
 TI Identification of peptides which facilitate uptake and transport of  
 protein, DNA and virus into cytoplasm and nuclei of cells  
 IN Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond; Glorioso, Joseph C.;  
 Gambotto, Andrea  
 PA University of Pittsburgh of the Commonwealth System of Higher Education,  
 USA  
 SO PCT Int. Appl., 128 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001015511	A2	20010308	WO 2000-US24034	20000831
WO 2001015511	A3	20020124		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG EP 1210362 A2 20020605 EP 2000-963300 20000831 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL PRAI US 1999-151980P P 19990901 US 2000-188944P P 20000313 WO 2000-US24034 W 20000831				